WARRANTY CONDITIONS

This apparatus is guaranteed against all defects of fabrications for a period of 24 month from the installation date shown on this warranty coupon, taking into consideration the 1999/44/CE.
Therefore, you are kindly requested to fill entirely the guarantee certificate included in this booklet and to NOT REMOVE the guarantee label from the device.
Missing or tearing of this label, missing of one part of guarantee certificate or missing of the enclosed sale document, will invalidate the guarantee. The guarantee is valid exclusively to Gemini Technologies S.p.A. Authorized Service Centers.
The manufacturer will decline any responsibility for any eventual malfunctions of the device, or electrical plant damages of the vehicle, due to improper installation, use or tampering.
This alarm has exclusively a deterrent function against eventual thefts.

INSTALLATION CERTIFICATE

The undersigned,qualified installer,attests to have personally fitted the here described Vehicle Security sistem following the manufacturer instructions.

By :

Sold on : .....

Type of product : ☐ **7624** ☐ **7622** ☐ **7621**

Car ----------

Signature

.....

by GEMINI TECHNOLOGIES S.p.A. Via Luigi Galvani 12
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UK

7624
7622
7621

End user manual

CE 0682 ⓘ
For all EU countries

GEMINI
CAR ALARM SYSTEMS

AC 2628 Rev. 01 09 04

UK

OPERATING DESCRIPTION

COMPLETE ALARM ARMING

Press the lock button on the original radio control of the vehicle.
Arming will be indicated by one turn signal flash and one high tone signal (BEEP) (if these functions have not been excluded in programming stage).

AUTOMATIC ALARM ARMING

Automatic arming allows to have the alarm system active, 60 seconds after the engine switching “OFF” and the opening of a door.
For automati arming see at the installation manual or answer to the installer.

ALARM ARMING WITH EXCLUSION OF VOLUMETRIC PROTECTION AND COMFORT CONTROL

This function allows the user to arm the system, with volumetric protection and comfort control being excluded
To actieve this function, the system must be disarmed and the ignition key turned to “OFF” (is not important the position of the driver’s door).
Proceed as follows:

- Introduce the electronic key into the receptacle.
- Vehicle turn signals will flash twice to that the function has been saved to memory.
- Press the lock button of the vehicle's original radio control.
- The system will indicate successful arming (with volumetric protection and comfort control exclude) by one long and one shorter flashing of turn signals and one long and one shorter beep (if these functions have not been excluded in programming stage).

Note: this function inhibits also positive exit when alarm is armed (Pink wire), the comfort control and the external sensor inlet (Green-Black wire) and it lasts just for one arming cycle.

ARMING NEUTRAL TIME AND COMFORT FUNCTION

The arming neutral time lasts for 30 seconds and is indicated by permanent turning on of the state Led.
During this period, the alarm active the comfort function for 20 seconds, and the user is allowed to leave the vehicle without provoking any false alarm condition.

SYSTEM ARMED

After the inhibit time (about 30 sec.), The system is armed and it is ready to detect any theft attempt.
When the system is properly armed, the LED blinks.
After disarming the system, any occured attempt will be indicated by the alarm with visual/acoustic signalling..

ALARM, HINIBIT TIME AND ALARM CYCLES

As previously described, any occured attempt will be indicated by the alarm with visual/acoustic signalling.
After the alarm triggering, before another alarm cause, there are 5 seconds of “neutral time”, that allow to disarm the system by emergency pin-code.
The alarm signalling has 10 cycles of 30 seconds each for input and arming cycles.
The ignition key (+15/54) alarm signalling have no limitation.

ALARM DISARMING

Press the unlock button of the vehicle's original radio control.
Disarming is indicated by three turn signal flashes and three acoustic signals (if these functions have not been excluded in programming stage).
If an alarm condition has occurred, it will be signalled by five turn signal flashes and five acoustic signals (if these functions have not been excluded in programming stage).
See next paragraph for all signalling.

ALARM MEMORY

When disarming the alarm, if five turn signal flashes and five beep signals occur (if these functions have not been excluded in programming stage), it is possible to identify the cause generating the alarm condition.
To do this, turning the ignition key in “ON” position and see at the vehicle installed LED.
The LED will be blink, shown the last alarm condition.
The cause of the alarm will indicate for three times.
This indication can be interrupted by turning the ignition key to OFF.

LED SIGNAL	CAUSE OF THE ALARM	ALARM CYCLE NUMBER
★●★	Absorption sensor	10
★★●★★	Door, trunk and hood switches	10
★★★●★★★	Positive under key (+15/54)	Infinite
★★★★●★★★★	Volumetric and external sensors	10
● LED OFF (2 seconds)	★ LED ON (1 second)	

EMERGENCY DISARMING WITH ELECTRONIC KEY (ONLY 7624 E 7622)

This kind of disarming is considered as an “EMERGENCY DISARMING”
Insert the electronic key into the specific receptacle, the system will be disarmed and turned off.
For re-arming does not occur when the user presses the lock button of the vehicle.
To restore the normal operation, you must put again the electronic key into the specific fob.
One short acoustic signal and one state Led flashing will confirm the alarm arming.

EMERGENCY DISARMING WITH PIN-CODE

In the alarm system without electronic key, for the emergency disarming must use the PIN-CODE.
This function allows the user to disarm the device, when available radio controls have been lost or they are not functioning.
The foreseen PIN-CODE is composed of four digits, from of 1 to 9.
The manufacturer's setting is 1-1-1-1 and are the same in all the alarm system.
Due to brevious safety reasons, we reccomend to replace this original code with another user’s customized code.
Please see at the relative paragraph for pin-code programming (pag.12).

PROGRAMMING OF NEW ELECTRONIC KEYS

The alarm can be memorized 4 electronic key.
Follow the procedure below to do this operation.

- Bring the dip-swithc N°6 in”ON” position.
- Turn the vehicle ignition key in “ON” position.
  The alarm will confirm that the programming has been enabled with an optical signal by the direction indicator lights, two acoustic signal with high tone and two acoustic signals with low tone.
- Insert the electronic key in the receptacle.
  The alarm will signal the memorization of the electronic key with an opticall signal by the direction indicator lights, two acoustic signal with high tone and two acoustic signals with low tone.
  Repeat the same operation to memorize other electronic keys.
- Bring the dip-swithc N°6 in“OFF” position.
- Turn the vehicle ignition key in “OFF” position.
- The end of this procedure will be indicated by a LED blinking.

PROGRAMMING THE ALARM SYSTEM

Has been prevously programmed with standard configuration during manufacturing procedure by Gemini.
Visual/acoustics functions (blinker/chirp) during arming/disarmin of the system, are included in the standard configuration.
That can be modified anytime.
Cutting off the power supply of vehicle electrical equipment, no programmed functions are changed.
To modify the visual/acoustic signalling see next paragraph.
To program the other functions see dip-switch table.

PROGRAMMING OPTIC/ACOUSTIC FUNCTION

In this section we describe the procedure to programming the optic/acoustic function (blinker e chirp).

- With alarm being disarmed, open the driver side door of the vehicle and keep it open.
- Turn the ignition key in “ ON” position.
- Introduce the electronic key in the specific receptacle or press the button on Led (in case the system is not equipped with electronic key).
- Starting of programming procedure is indicated by one high tone (BEEP) and two loud tones (BOOP); if this does not occur, repeat the procedure from the beginning.

Possible programming operations are:

- Exclusion of turn signal flashing, when the alarm is armed or disarmed, by putting once the electronic key in the specific fob or by pushing once the button on the Led (for 7621 only). The alarm system will send out a short high tone signal (BEEP).
- Exclusion of system's acoustic activation deactivation (chirp), by putting twice the electronic key in the specific fob or by pushing consecutively twice the button on the Led (for 7621 only).
  The alarm system will send out a short high tone signal (BEEP) to each insertion of the ignition key or pressure of the button.
- Exclusion of both functions, by putting for three consecutive times the electronic key in the specific fob, or by pushing for three consecutive times the button on the Led (for 7621 only).
  The alarm system will send out a short high tone signal (BEEP) to each insertion of the ignition key or pressure of the button.
- Turn the ignition key in "OFF" position.

PROGRAMMING NEW PIN-CODE

The procedure to program pin-code is specified here below.
It is better to personalize the code as customer has required.
In this example, supposing that the pin-code is 5-4-6-7.

- With all the vehicle door close, unlock the alarm by using the vehicle original radio control.
- Turn the ignition key in “On”position; the alarm will blink for a short time (0,5 sec.).
  During this period, push the button of the LED.
  The alarm will confirm that the programming has been enabled with a l,ong acoustic signal with high tone and one short acoustic signals with low tone.
- Turn the ignition key in “OFF” position.
- After a four second pause, state led will start with the first sequence of flashes.
  At the fifth LED flashing (corresponding at Number 5, first digit of the pin-code) push the button on the LED or turn the ignition key in “ON” position for one second.
  Turn the ignition key in “OFF” position.
- After a four second pause, state led will start with a new sequence of flashes.
  At the fourth LED flashing (corresponding at Number 4, second digit of the pin-code) push the button on the LED or turn the ignition key in “ON” position for one second.
  Turn the ignition key in “OFF” position.
- After a four second pause, state led will start with a new sequence of flashes.
  At the sixth LED flashing (corresponding at Number 6, third digit of the pin-code) push the button on the LED or turn the ignition key in “ON” position for one second.
  Turn the ignition key in “OFF” position.
- After a four second pause, state led will start with a new sequence of flashes.
  At the seventh LED flashing (corresponding at Number 7, fourth digit of the pin-code) push the button on the LED or turn the ignition key in “ON” position for one second.
  Turn the ignition key in “OFF” position.
  The alarm system will indicate the end of the PIN-CODE personalizing procedure by one state LED flash.

ATTENTION: If during one of four “nine flashing” sequences, no number is confirmed (value “0”), at the end of 9th flash, the PIN-CODE saving to memory procedure, will stop automatically.

EMERGENCY DISARMING BY PIN-CODE

The procedure for emergency disarming by pin-code is the following.
Kindly note that the standard pin-code programmed is 1-1-1-1.
The same number used for pin-code programmation (5-4-6-7) has been used also for emergency disarming example.

- Cause an alarm condition.
- Leave the alarm triggering for the standard timing (about 30 seconds) and wait for the “inhibit time between two alarm signalling”
- During the inhibit time the LED remain steadly ON for about 5 seconds; Turn the ignition key in “ON” position.
- LED switch “OFF” showing “the emergency procedure” entry
- Turn the ignition key in "OFF" position.
- After about 4 seconds the first 9 flashing sequence starts.
  At the fifth LED flashing (corresponding at Number 5, first digit of the pin-code) turn the ignition key in “ON” position (then turn in “OFF” position) or push the button on the LED.
- The LED will be switch OFF for about 4 seconds than a new 9 flash sequence will start.
  At the fourth LED flashing (corresponding at Number 4, second digit of the pin-code) turn the ignition key in “ON” position (then turn in “OFF” position) or push the button on the LED.
- The LED will be switch OFF for about 4 seconds than a new 9 flash sequence will start.
  At the sixth LED flashing (corresponding at Number 6, third digit of the pin-code) turn the ignition key in “ON” position (then turn in “OFF” position) or push the button on the LED.
- The LED will be switch OFF for about 4 seconds than a new 9 flash sequence will start.
  At the seventh LED flashing (corresponding at Number 7, fourth digit of the pin-code) turn the ignition key in “ON” position (then turn in “OFF” position) or push the button on the LED.

If the code is right,the end of the emergency disarming by pin-codet will be indicated by the alarm with visual/acoustic signalling.
Vice versa, if the inserted numbers are wrong, the alarm will start triggering again.
In this case, repeat all procedure.